

FXCF
1.10

PREscore 1.0 - PRESCORE.TCL File 12/23/91
HRS DOCUMENTATION RECORD
Fibrex Corporation, Inc. - 03/10/92

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1. Site Name: Fibrex Corporation, Inc.
(as entered in CERCLIS)
2. Site CERCLIS Number: WAD070054309
3. Site Reviewer: Lynn Guilford
4. Date: March 1992
5. Site Location: Burlington, Skagit, Washington
(City/County,State)
6. Congressional District:
7. Site Coordinates: Single

Latitude: 48 28'04.

Longitude: 122 19'39.

	Score
Ground Water Migration Pathway Score (Sgw)	0.00
Surface Water Migration Pathway Score (Ssw)	0.00
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	0.00
Site Score	0.00

NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

USEPA SF



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WASTE QUANTITY

Fibrex Corporation, Inc. - 03/10/92

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Old Drum Storage

a. Wastestream ID	Drum Storage Area
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

Wastestream Constituent
Hazardous Substances

Concent. Units Liquid Qualifier

Acetone

0.0E+00 ppb NO

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WASTE QUANTITY
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2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	Old Drum Storage
b. Source Type	Drums
c. Secondary Source Type	N.A.
d. Source Volume (yd3) Source Area (ft2)	0.00 0.00
e. Source Volume/Area Value	0.00E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	0.00E+00

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Acetone	< 2	NO	6.6E-01	ppm

Documentation for Source Hazardous Substances:

A soil sample containing acetone was collected near the old drum storage area.

Reference: 1

WASTE QUANTITY

Fibrex Corporation, Inc. - 03/10/92

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE:

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

WASTE QUANTITY

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2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	
b. Source Type	Drums
c. Secondary Source Type	N.A.
d. Source Volume (yd3) Source Area (ft2)	0.00 0.00
e. Source Volume/Area Value	0.00E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	0.00E+00

WASTE QUANTITY

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3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No.	Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream Value (2f,2h)	Hazardous Waste Qty. Value (2k)
1	Old Drum Storage	GW-SW-SE-A	0.00E+00	0.00E+00	0.00E+00
2			0.00E+00	0.00E+00	0.00E+00

WASTE QUANTITY

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4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values		HWQVs*	WCVs**
Ground Water	Toxicity/Mobility	1.00E+01	0	0
SW: Overland Flow, DW	Tox./Persistence	4.00E+00	0	0
SW: Overland Flow, HFC	Tox./Persis./Bioacc.	2.00E+00	0	0
SW: Overland Flow, Env	Etox./Persis./Bioacc.	2.00E+01	0	0
SW: GW to SW, DW	Tox./Persistence	4.00E+00	0	0
SW: GW to SW, HFC	Tox./Persis./Bioacc.	2.00E+00	0	0
SW: GW to SW, Env	Etox./Persis./Bioacc.	2.00E+01	0	0
Soil Exposure: Resident	Toxicity	1.00E+01	0	0
Soil Exposure: Nearby	Toxicity	1.00E+01	0	0
Air	Toxicity/Mobility	1.00E+01	0	0

* Hazardous Waste Quantity Factor Values

** Waste Characteristics Factor Category Values

Note: SW = Surface Water
 GW = Ground Water
 DW = Drinking Water Threat
 HFC = Human Food Chain Threat
 Env = Environmental Threat

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GROUND WATER MIGRATION PATHWAY SCORESHEET
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GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: Alluvial Aquifer		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	460
3. Likelihood of Release	550	460
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+01
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Well	50	5.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	3.70E-01
8d. Population (lines 8a+8b+8c)	**	3.70E-01
9. Resources	5	5.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	1.04E+01
12. Targets (including overlaying aquifers)	**	1.04E+01
13. Aquifer Score	100	0.00
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

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GROUND WATER PATHWAY AQUIFER SUMMARY
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No.	Aquifer ID	Type	Overlaying No.	Inter- Connected with	Likelihood of Release	Targets
1	Alluvial Aquifer	Non K	0	0	460	1.04E+01

Containment

No.	Source ID	HWQ Value	Containment Value
1	Old Drum Storage	0.00E+00	10
Containment Factor			10

Documentation for Ground Water Containment, Source Old Drum Storage :

SWMU 2 the former container storage unit had no secondary containment with contamination of soils adjacent to the drums being observed and a soil sample containing acetone.

Reference: 1

Net Precipitation

Net Precipitation (inches)	22.50
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Documentation for Net Precipitation:

Reference: 1

Aquifer: Alluvial Aquifer

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination

- N/A and/or data not specified				

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Observed Release Factor	0
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POTENTIAL TO RELEASE

Containment

Containment Factor 10

Net Precipitation

Net Precipitation Factor 6

Depth to Aquifer

A. Depth of Hazardous Substances 0.00 feet

Documentation for Depth of Hazardous Substances:

Only surface soil samples have been collected so the depth may be greater.

Reference: 1

B. Depth to Aquifer from Surface 10.00 feet

Documentation for Depth to Aquifer from Surface :

The water is less than ten feet beneath the site.

Reference: 1

C. Depth to Aquifer (B - A) 10.00 feet

Depth to Aquifer Factor 5

Travel Time

Are All Layers Karst? NO

Documentation for Karst Layers:

Reference: 1

Thickness of Layer(s) with Lowest Conductivity 20.00 feet

Documentation for Thickness of Layers with Lowest Conductivity:

The site is located on alluvial sands and gravels, which contain most of the wells. The wells range from 20 to 100 feet deep.

Reference: 1

Hydraulic Conductivity (cm/sec) 1.0E-02

Documentation for Hydraulic Conductivity:

The site is on alluvial sands and gravels.

Reference: 1

Travel Time Factor 35

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Potential to Release Factor	460
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GROUND WATER PATHWAY WASTE CHARACTERISTICS
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Source: 1 Old Drum Storage

Source Hazardous Waste Quantity Value: 0.00

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
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Acetone	10	1.00E+00	1.00E+01

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Hazardous Substances Found in an Observed Release

Well No.	Observed Release Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
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- N/A and/or data not specified

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Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+01
Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	1.00E+01
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

Population by Well

No.	Well ID	Sample Type	Distance (miles)	Level of Contamination	Population
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- N/A and/or data not specified

Level I Population Factor: 0.00

Level II Population Factor: 0.00

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	0.0	0.00E+00
> 1/2 to 1	0.0	0.00E+00
> 1 to 2	6.0	7.00E-02
> 2 to 3	15.0	2.00E-01
> 3 to 4	12.0	1.00E-01

Potential Contamination Factor: 0.370

Nearest Well

Level of Contamination: Potential
Distance in miles: 1.10

Nearest Well Factor: 5.00E+00

Documentation for Nearest Well:

The nearest well is 1 to 2 miles from the site.

Reference: 1

Resources

Resource Use: YES

Resource Factor: 5.00E+00

Documentation for Resources:

Wells are used for irrigation.

Reference: 1

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

Documentation for Wellhead Protection Area:

No municipal wells nearby.

Reference: 1

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 AIR PATHWAY SCORESHEET
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AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	500
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	500
3. Likelihood of Release	550	500
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+01
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Individual	50	2.00E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	1.60E+01
8d. Population (lines 8a+8b+8c)	**	1.60E+01
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments(lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	3.60E+01
AIR MIGRATION PATHWAY SCORE (Sa)	100	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

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AIR PATHWAY LIKELIHOOD OF RELEASE
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OBSERVED RELEASE

No. Sample ID	Distance (miles)	Level of Contamination
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- N/A and/or data not specified

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Observed Release Factor: 0

AIR PATHWAY SCORESHEET

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AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	500
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	500
3. Likelihood of Release	550	500
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+01
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Individual	50	2.00E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	1.60E+01
8d. Population (lines 8a+8b+8c)	**	1.60E+01
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments (lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	3.60E+01
AIR MIGRATION PATHWAY SCORE (Sa)	100	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

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AIR PATHWAY LIKELIHOOD OF RELEASE
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OBSERVED RELEASE

No. Sample ID	Distance (miles)	Level of Contamination
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- N/A and/or data not specified

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Observed Release Factor: 0

Gas Migration Potential

GAS POTENTIAL TO RELEASE

Source ID	Source Type	Gas Contain. Value (A)	Gas Source Type Value (B)	Gas Migrtn. Potent. Value (C)	Sum (B+C)	Gas Potential to Rel. Value A(B+C)
Old Drum Storage	Drums	10	33	17	50	500

Gas Potential to Release Factor: 500

Documentation for Gas Containment, Source Old Drum Storage :

There is soil contamination.

Reference: 1

Source: Old Drum Storage

Gaseous Hazardous Substance	Hazardous Substance Gas Migration Potential Value
Acetone	17

Average of Gas Migration Potential Value for 3 Hazardous Substances: 17.000
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Gas Migration Potential Value From Table 6-7: 17

Source:

Gaseous Hazardous Substance	Hazardous Substance Gas Migration Potential Value
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Average of Gas Migration Potential Value for 3 Hazardous Substances: 0.000
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Gas Migration Potential Value From Table 6-7: 0

Particulate Migration Potential

PARTICULATE POTENTIAL TO RELEASE

Source ID	Source Type	Partic. Contain. Value (A)	Partic. Source Type Value (B)	Partic. Migrtn. Potent. Value (C)	Sum (B+C)	Partic. Potential to Rel. Value A(B+C)
- N/A and/or data not specified						

Particulate Potential to Release Factor: 0

Documentation for Particulate Containment, Source Old Drum Storage :

Contaminated soil next to old drum area.

Reference: 1

Documentation for Particulate Migration Potential:

Used map in HRS model.

Reference: 3

Source: Old Drum Storage

Particulate Hazardous Substance

Source:

Particulate Hazardous Substance

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Source: 1 Old Drum Storage

Source Hazardous Waste Quantity Value: 0.00

Hazardous Substance	Toxicity Value	Gas Mobility Value	Particulate Mobility Value	Toxicity/ Mobility Value
Acetone	10	1.00E+00	NA	1.00E+01

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Hazardous Substances Found in an Observed Release

Sample ID	Observed Release Hazardous Substance	Particulate Toxicity/ Mobility Value	Gas Toxicity/ Mobility Value
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- N/A and/or data not specified

Documentation for Particulate Mobility:

Map in HRS manual

Reference: 3

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Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+01
Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	1.00E+01
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

AIR PATHWAY TARGETS

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Actual Contamination

No. Sample ID	Distance (miles)	Level of Contamination
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- N/A and/or data not specified

Potential ContaminationDistance Categories Subject
to Potential Contamination

	Population	Value
Onsite	13.0	1.7000
> 0 to 1/4 mile	120.0	4.1000
> 1/4 to 1/2 mile	300.0	0.9000
> 1/2 to 1 mile	4050.0	8.3000
> 1 to 2 miles	330.0	0.3000
> 2 to 3 miles	1000.0	0.1000
> 3 to 4 miles	8670.0	0.7000

Potential Contamination Factor: 16.0000

Documentation for Population Onsite Distance Category:

Reference: 1

Documentation for Population > 0 to 1/4 mile Distance Category:

Reference: 1

AIR PATHWAY TARGETS

Fibrex Corporation, Inc. - 03/10/92

Documentation for Population > 1/4 to 1/2 mile Distance Category:

Reference: 1

Documentation for Population > 1/2 to 1 mile Distance Category:

Reference: 1

Documentation for Population > 1 to 2 miles Distance Category:

Reference: 1

Documentation for Population > 2 to 3 miles Distance Category:

Reference: 1

Documentation for Population > 3 to 4 miles Distance Category:

Reference: 1

Nearest Individual Factor

Level of Contamination: Potential
Distance in miles: 0 to 1/8

Nearest Individual Value: 20

Documentation for Nearest Individual:

Reference: 1

Resources

Resource Use: NO

Resource Value: 0

Actual Contamination, Sensitive Environments

Sensitive Environment	Distance (miles)	Sensitive Environment Value
- N/A and/or data not specified		

Actual Contamination, Wetlands

Distance Category	Wetland Acreage	Wetland Acreage Value
- N/A and/or data not specified		

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Sensitive Environments Actual Contamination Factor: 0.000
(Sum of Sensitive Environments + Wetlands Values)

Potential Contamination, Sensitive Environments

Sensitive Environment	Distance (miles)	Sensitive Environment Value	Distance Weight	Weighted Value/10
	0.000	0	1.0000	0.000

Potential Contamination, Wetlands

Distance Category	Wetland Acreage	Wetland Acreage Value	Distance Weight	Weighted Value/10
- N/A and/or data not specified				

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Sensitive Environment Potential Contamination Factor: 0.000